

FIG. 1

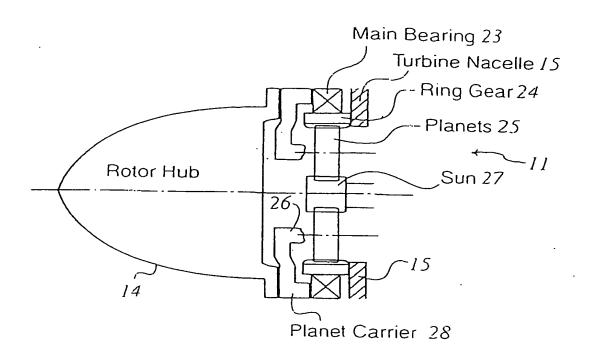


FIG. 2

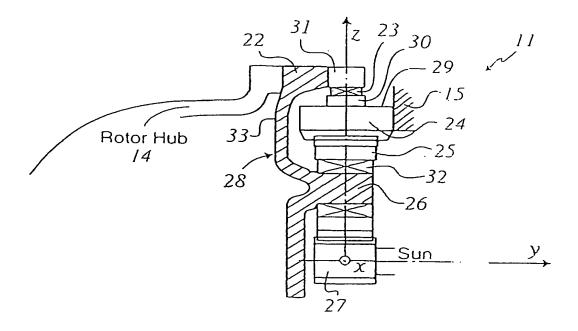


FIG. 3

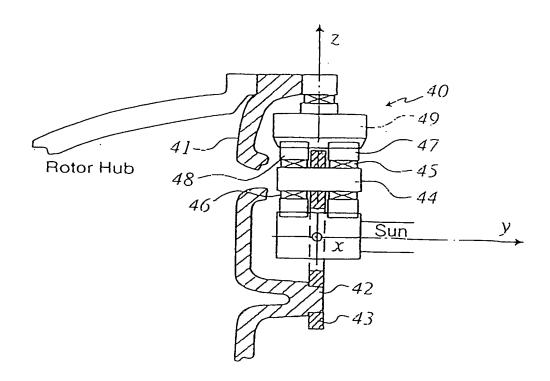
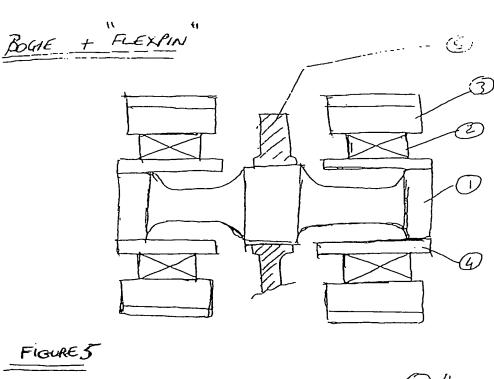


FIG. 4



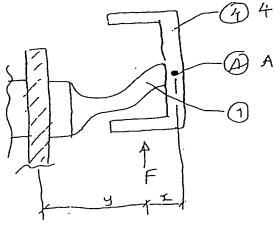


FIGURE 16

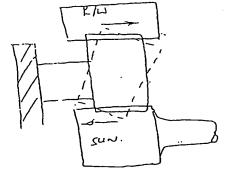
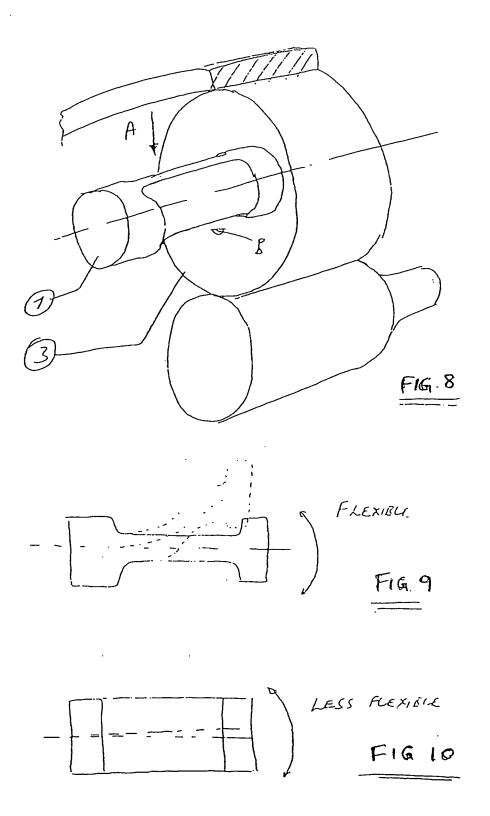


FIGURE 7



A. CLASSI IPC 7	F16H1/28								
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum do	ocumentation searched (classification system followed by classification $F03D-F16H$	on symbols)							
Documenta	tion searched other than minimum documentation to the extent that s	uch documents are included in the fields so	earched						
Electronic d	lata base consulted during the international search (name of data bas	se and, where practical, search terms used	)						
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
х	DE 22 35 448 A1 (A. FRIEDR. FLENDER & CO, 4290 BOCHOLT) 7 February 1974 (1974-02-07)		14						
А	figures		1						
X	WO 02/14690 A (HANSEN TRANSMISSIONS INTERNATIONAL NV; FLAMANG, PETER; DE WILDE, MARCE)		14						
A	21 February 2002 (2002-02-21) figures	1							
х	WO 02/079644 A (VESTAS WIND SYSTEMS A/S; CHRISTENSEN, MOGENS)		14						
А	10 October 2002 (2002-10-10) figures		1						
x	US 6 232 673 B1 (SCHOO ALFRED ET AL) 15 May 2001 (2001-05-15)		14						
Α	figures	1							
	-	-/							
X Furti	her documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.						
*A* docume	stegories of cited documents:  ent defining the general state of the art which is not be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention							
filing date *L* document which may throw doubts on priority claim(s) or		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone							
		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled							
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	actual completion of the international search	Date of mailing of the international search report							
	April 2005	20/04/2005  Authorized officer							
Name and r	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  TH (21 70) 240 240 TV 21 651 epo pl								
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Goeman, F							

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## INTERNATIONAL SEARCH REPURI

International Application No
PCT/IB2004/003949

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Category °		14
X	WO 03/002891 A (THE TIMKEN COMPANY; FOX, GERALD) 9 January 2003 (2003-01-09)	1
A	figures 	
X	US 2003/123984 A1 (WILDE MARCEL DE ET AL) 3 July 2003 (2003-07-03)	14
A	figures	1
		·

ソードス・スイ・プラススト シルスぶっぷ ぶんごうぶっ

Information on patent family members

International Application No PCT/IB2004/003949

Patent document					
cited in search report	Publication date		Patent family member(s)		Publication date
DE 2235448 A1	07-02-1974	NONE			
WO 0214690 A	21-02-2002	AU	7659301		25-02-2002
		CN	1447880		08-10-2003
		EP	1311759		21-05-2003
		WO	0214690		21-02-2002
		JP	2004506845		04-03-2004
		US	2004038770	A1	26-02-2004
WO 02079644 A	10-10-2002	DK	200100545		03-06-2002
		CA	2442028		10-10-2002
		WO	02079644		10-10-2002
		EP	1373720		02-01-2004
		JP	2004532370		21-10-2004
		US	2004105753	A1	03-06-2004
US 6232673 B1	15-05-2001	DE	19916453		19-10-2000
		EP	1045139		18-10-2000
		JP	2000337245	A	05-12-2000
WO 03002891 A	09-01-2003	US	2003008748		09-01-2003
		EΡ	1399682		24-03-2004
		JP		Ţ	14-10-2004
		WO	03002891		09-01-2003
		US	2004235604	A1 	25-11-2004
US 2003123984 A1	03-07-2003	AT	264456		15-04-2004
		AU	3588201		14-08-2001
		DE	60102794		19-05-2004
		DK		T3	09-08-2004
		EP	1252442		30-10-2002
		ES	2218392		16-11-2004
		GB WO	2384836 0157398	A,B	06-08-20 09-08-20